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Form	РТО	-1449 Modified	Docket No. MSFT-3028/307006.01	Application No. 10/776,371			
C	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Peter Carlin, et al.				
		nent of Commerce Frademark Office	Filing Date February 10, 2004	Group 2168			
			Confirmation No. 3190				
O,	THEF	R DOCUMENTS (Incl	uding Author, Title, Date, Pe	ertinent Pages, Etc.)			
JM	1		Andrews, T. et al., "Combining Language and Database Advances in an Object-Oriented Development Environment", OOPSLA Proceedings, October 4-8, 1987,				
JM	2	Beard, et al., "Multile Technology Advances	vel and Graphical Views of Me in Digital Libraries, 1998, 250	5-265,			
JM ·	3		of Electronics and Computer Se	ring in Microcosm: An Extended cience, University of			
JM	4			Dr. Dobb's Journal, 1997 , 22(4),			
JM.	5	Bhattacharya, S. et al. Between Database and Data and Symposium		Conference on Management of tems, Proceedings of the 2002			
JM	6	Biliris, A., "The Perfo	rmance of Three Database Sto SIGMOD, 1992, 276-285				
JM	7	Design with Applicati	Cummings Publishing Co, "Ob ons", 1994 , 155, 156, 179-183				
JM	8	Base Management Sys 1976, 125-147	stems G.M. Nijssen, (ed); North	Modelling", Modelling in Data h Holland Publishing Company:			
JM	9	Buneman, P. et al., In ACM, 1986, 4-15		atabase Programming Languages,			
JМ	10	Concurrent Object - C	Chien, A.A., "Concurrent Aggregates (CA) – Design and Experience with a Concurrent Object – Oriented Language Based on Aggregates", J. Parallel and Distributed Computing, 1995, 25(2), 174-196				
EXAMINER	/	Jay Morrison/	DATE CONS	IDERED 12/12/2006			





Form 1	Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Docket No. MSFT-3028/307006.01	Application No. 10/776,371
C			Applicant Peter Carlin, et al.	·
		nent of Commerce Trademark Office	Filing Date February 10, 2004	Group 2168
			Confirmation No. 3190	
O'	ГНЕ	R DOCUMENTS (Incl	luding Author, Title, Date, P	ertinent Pages, Etc.)
JM	11	Aided Design of Mari	yssosiomos, et al. "Geometric ne Structures", MTS Journal,	22(2) pp 15-33
JM	12	Windows", PR Newsv	nches Design Automation Dev vire, Financial News, Jan. 10,	1995
JM	13	Management System'	Unisql's Next Generation Objet, ACM SIGMOD Record, September 2015	tember 1996, 25(2), 70-76
JM	14	Techniques, 1997, 2(9	rialization in Java 1.1. Making)), 55, 58-59	·
ΔM	15	Inc., 1997, 1-34		ersion 1.0.2", ©Apple Computer,
JM -	16	Geometry", Software-	Practice and Experience, Oct	Priented System for Programming 1989, 19(10), 979-1013
JM	17	Forum, 1994, 13(3), (ylight for Interior Lighting De 285-C96	
JM	18	Acquires the Assets to New, Jan.16, 1995, 4	Altium's P-CAD Business U pages	PCB Unit-Accel Technologies nit", EDA Licensing, Electronic
JM	19	Transactions on Data	base Systems, Dec 2000, 25(4)	ng an Effective Calculus", ACM), 457-516
JM	20	Conference on Object Applications, OOPSL	ontract Soundness for Object-Oriented Programming Syste A, 2001, 15 pages	ms, Languages, and
JM	21		r Graphics: Principles and Pracompany, 1990, Ch. 5 and 9, pp	
EXAMINER		/Jay Morrison/	DATE CONS	IDERED 12/12/2006



Sheet 3 of 12

Form PTO-1449 Modified		Docket No. MSFT-3028/3070	06.01	Application No. 10/776,371		
C	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Peter Carlin, et al.			
		nent of Commerce Trademark Office	Filing Date February 10, 200	4	Group 2168	
	٠		Confirmation No. 3190			
0	THE	R DOCUMENTS (Inclu	ding Author, Title,	Date, Perti	nent Pages, Etc.)	
Ј М	22	Issues in Geographic Danie International Symposium	ata Modeling," Nove m on Advances in Ge	mber 2001, ographic In	Requirements and Research Proceedings of the 9th ACM Information Systems, 2-8	
JM	23	Value Substitutability", www.acm.org/sigmod/c	Digital Symposium (lisc/p_implementatio	Collection, 2 noyostw.htt	ypes with Inheritance and 2000, Abstract only, 2 pages, m	
JM	24	Design and Constructio 1989, Document No. 89	n Data", <i>Advanced C</i> 9-37-04, 1-34	onstruction	for Representing Building Technology Center, June	
л м	25	Godoy Simões, M. et al Illumination Applicatio Electronics Conference	ns", <i>APEC 2000. Fift</i>	teenth Annu	ed Photovoltaic System for all IEEE Applied Power, 2000, 2, 1151-1156	
JM	26	Goscinski, A. "Distribu Wesley, 1991, 306-313	ted Operating System	ns The Logi	ical Design", Addison-	
JM	27	Harrison, C.J. et al., "St Inference", IEEE, 2000	, 241-247			
JM	28	23(8), 32, 34, 36-37			Or. Dobb's Journal, 1998,	
JM	29	Hay, David C, "Data M Publishing, New York,	NY 1996, 47-67, 235	5-259		
JM	30 Hernandez, M.A. et al, "The Merge/Purge Problem for Large Databases,				Symposium on Principles of MOD International	
Ј М	31	Hsiao, H.I. et al., "DLF Proceedings of the 200	Hsiao, H.I. et al., "DLFM: A Transactional Resource Manager", SIGMOD, Proceedings of the 2000 ACM SIGMOD International Conference on Management of Data, 2000, 518-528			
EXAMINER		/Jay Morrison/	DATE	CONSIDE	ERED 12/12/2006	



Sheet 4 of 12

Form 1	PTO-	-1449 Modified	Docket No. MSFT-3028/307006.01	Application No. 10/776,371			
C	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Peter Carlin, et al.	•			
		nent of Commerce Trademark Office	Filing Date February 10, 2004	Group 2168			
			Confirmation No. 3190				
O'	THEF	R DOCUMENTS (Includ	ling Author, Title, Date, P	ertinent Pages, Etc.)			
JM	32	System", Advanced Data	base Research and Develo	Move Animation Database oment Series, vol. 3, Proceedings ase Systems, 1992, 364-372			
JM	33	Kaneko, K. et al., Towar Database System Move"	ds Dynamics Animation on	Object-Oriented Animation arch and Development Series,			
JM	34	Katz, R.H., "Toward a U Databases", ACM Comp	nified Framework for Vers uting Surveys, 1990, 22(4),	ion Modeling in Engineering 375-408			
JМ	35	Non-Manifold Geometric Lectures Presented at the	c Modeling", A Collection o e 2d Toyota Conference, Or	Constraint-Based Description and of Contributions based on ganization of Engineering grated Manufacturing, Japan,			
JM	36	Engineering, 1993, 24-2					
JM	37	Database Management S	mance Evaluation of Storingstems, WIDM, 2001, 31-3	8			
JW.	38	Khoshafian, S. et al, "Ob	oject Identify", OOPSLA'86	, 1986, 21, 406-416			
JM	39	2002 , 27(12), 16-22		Dobb's Journal, December			
JM	40	Binary Relational Storag Conference On Data Bas	King et al, "TriStarp- An Investigation into the Implementation and Exploitation of Binary Relational Storage Structures", Proc. 8. sup. th BNCOD(British National Conference On Data Bases), pp. 64-84 (York 1990).				
JM	41	99-105		Machine Design, July 24, 1990,			
JМ	42	Concurrent Engineering	al, "Design Data Storage ar Research and Application:	d Extraction Using Objects", s, 1993, 1, 31-38			
EXAMINER		/Jay Morrison/	DATE CONS	IDERED 12/12/2006			



Sheet 5 of 12

Form 1	Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Docket No. MSFT-3028/307006		olication No. 776,371
· C			Applicant Peter Carlin, et al.		
		nent of Commerce Trademark Office	Filing Date February 10, 2004	Gro 216	•
•			Confirmation No. 3190		
O'	ГНЕ	R DOCUMENTS (Incl	uding Author, Title, Da	ite, Pertinent l	Pages, Etc.)
JM	43	Languages", ACM Co.	Type Systems for Objemputing Surveys, Decem	ber 2002, 34(4	1), 409-449
JM	44	Lim, J.B. et al, "Trans Systems", IEEE Trans	action Processing in Mo . on Knowledge and Dat	bile, Heterogen a Engineering,	eous Database 2002,14(6), 1330-1346
JМ	45	Trace for Deductive D 1999, 1559, 328-330	le: A Set-Oriented Meta atabases Debugging", L	ecture Notes in	Computer Science,
JM	46	The Computer Journa	o: "An Object Oriented I 7, 1992, 35(2),108-118	_	
JM	47	15, 1978, 10 pages	-A Non-Interactive Text		·
JM	48	1993, 12(12), 32-36	oftware (Buyers Guide)		·
JM	49.	2001, 30(1), 70-77			GMOD Record, March
JM	50	1990, 139-143	ogic of Architecture", M		
JM	51	ACM, September 199	tion of Data Modeling fo 22, 35(9), 112-123		
JM	52	Nelson, M. et al, "Ger	eric Support for Caching tion Operating Systems,		
EXAMINER		/Jay Morrison/		ONSIDERED	



Sheet 6 of 12

Form 1	Form PTO-1449 Modified		Docket No. MSFT-3028/307006.01	Application No. 10/776,371			
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		y Applicant	Applicant Peter Carlin, et al.				
		nent of Commerce Trademark Office	Filing Date February 10, 2004	Group 2168			
			Confirmation No. 3190				
O	ТНЕ	R DOCUMENTS (Incl	uding Author, Title, Date, Pe	ertinent Pages, Etc.)			
JM	53	Nijssen, G.M. et al., "Conceptual Schema and Relational Database Design, A Fact Oriented Approach", Department of Computer Science, University of Queensland, Prentice Hall, 10-33, 42-43, 48-51, 156-170					
JM	54	Oracle 9i SQL Referen	nce, Release 2 (9.2), March 20	002, 13-89 to 13-90			
JM	55	Orenstein, J, et al, "Qu SIGMOD International 412	Orenstein, J, et al, "Query Processing in the Object Store Database System", ACM SIGMOD International Conference on Management of Data, June 1992, 21(2),403-412				
JM	56	Ottogalli, F.G. et al., "	Visualisation of Distributed A Notes in Computer Science, Ja	pplications for Performance anuary 2001, 2074, 831-840			
JM	57	Pachet, et al, "A Comb	pinatorial Approach to Contents and Systems, Jun 7, 1999, 4	t-Based Music Selection", 57-462			
JM	58	Papiani, M. et al, "A D SQL/MED", SIGMOD	Distributed Scientific Data Arc Distributed Scientific Data Arc Distributed Scientific Data Arc	hive Using the Web, XML and 8(3), 56-62			
JM	59	1993), OMG TC Docu	Leferences, Identifiers, and Equation 193.7.5, 1-24				
JM	60	to IBM-Standard Pers	onal Computing, 1993, 12(4),	gazine: The Independent Guide 255-289			
JM	61	Applications", Virtual	Solutions, 1995, 9 pages	ient/Server Model with ESRI			
JM	62	Read, III, B.C., "Deve	loping the Next Generation Conics Systems Magazine, 1996	ockpit Display System", IEEE, 11(10), 25-28			
EXAMINER		/Jay Morrison/	DATE CONS				



Sheet 7 of 12

Form 1	Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Docket No. MSFT-3028/307		olication No. 176,371	
· C			Applicant Peter Carlin, et	al.		
		nent of Commerce Trademark Office	Filing Date February 10, 200	Gro 216	-	
			Confirmation No. 3190			
O	THEF	R DOCUMENTS (Incl	ıding Author, Title,	Date, Pertinent	Pages, Etc.)	
JM	63	Rouse, N.E., "CAD Pioneers are Still Trailblazing", Machine Design, Oct. 22, 198 59(25),117-122				
JM	64	Roussopoulos, N. et al Proceedings of the 1st	Supplemental VLDB	Conference, 197	5, 144-172	
JM	65	for Concurrent Design	Process", Proceeding	gs of the 1993 IT	ing Design Environment EC Workshop on acurrent Engineering, 71-	
лм	66				ational Databases", The atabases, 1998, 7, 130-	
JM	67	Simon, A.R., Strategic pp 6-9, 14-17, 55-57, N			for the Year 2000, 1995 ,	
JM	68	Sreenath, N., "A Hybr. Mathematics and Com	puters in Simulation,	1992, 121-140		
JM	69	Singhal, A. et al., "DD Association for Comp	B: An Object Design	Data Manager f	or VLSI CAD",	
JM	70	Stevens, T., "Value in			95 , 45-46	
JM	71	Stonebraker, M., "The	Case for Partial Inde	exes", SIGMOD	Record, 1989 , 18(4), 4-9	
JM	72	Strickland, T.M., "Intersection of Relational and Object", Proceedings of the AM/FM International Conference XVII, March 14-17, 1994, 69-75				
EXAMINER		/Jay Morris	on/ DATI	E CONSIDERE	D 12/12/2006	





Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary)			Docket No. MSFT-3028/307006.01	Application No. 10/776,371			
			Applicant Peter Carlin, et al.				
		nent of Commerce Trademark Office	Filing Date February 10, 2004	Group 2168			
			Confirmation No. 3190				
O'	ГНЕ	R DOCUMENTS (Includ	ling Author, Title, Date, Po	ertinent Pages, Etc.)			
JM	73	Sutherland, J. et al., "The Integration of Object-Or. States of the Art and Pra		Architecture (HORA), An ology', Applied Computing:			
JM	74	Suzuki, H. et al., "Geom Third international Conf July 11-16, 1988, Vienn	etric Modeling for Modeling ference on Engineering Grap a Austria, 2, 237-243	g Products", Proceedings of the phics and Descriptive Geometry,			
JM	75	Manufacturing System S	Sreekanth, U. et al., "A Specification Environment for Configuring a Discrete-Part Manufacturing System Simulation Infrastructure", <i>International Conference on Systems, Man and Cybernetics</i> , October 17-20, 1993, 1, 349-354				
JM	76	Taylor, R.H. et al., "An I IEEE, July 1983, 71(7),	Integrated Robot System Ar 842-856	chitecture", Proceedings of the			
JM	77	Varlamis I. et al., "Bridg generating and Manipula DocEng' Ol, November	ring XML-Schema and Relating Relational Databases u 9-10, 2001	tional Databases. A System for sing Valid XML Documents",			
JM	78	Wilcox, J., "Object Data Dobbs Journal, Novemb	bases-Object Methods in Diper 1994, 19(13), 26-34	stributed Computing", Dr.			
JM	79	Computer-Aided Archite	ctural Design, 1994, 123-14				
JM	80	Computer Networks and	ISDN Systems, 1998, 30, 23	adata Tool Configuration", 3-32			
JM	81	IEEE Multimedia, IEEE	Computer Society, 1996, 3,	ch, and Retrieval of Audio", 27-36			
JM	82	XML Documents Using	Yoshikawa, M. et al., "XRel: A Path-Based Approach to Storage and Retrieval of XML Documents Using Relational Databases", ACM Transactional on Internet technology, August 2001, 1(1), 110-141				
EXAMINER	·	/Jay Morrison/	DATE CONS	IDERED 12/12/2006			



Sheet 9 of 12

rurii r i 1/-1447 Muullicu			Docket No. Application No. MSFT-3028/307006.01 10/776,371			
	Cite	ent and Publications d by Applicant al sheets if necessary		Applicant Peter Carlin, et al.		
		rtment of Commerce d Trademark Office	;	Filing Date February 10, 2004	Group 2168	
				Confirmation No. 3190	·	
		U. S	S. PATENT	DOCUMENTS		
Examiner Initial		Document No.	Date	Name	Class	Subclass
JM	83	2002/0091702 A1	07/11/02	Mullins	707	100
JM	84	2002/0198891 A1	12/26/02	Li, et al.	707	102
JM	85	5,893,106	04/06/99	Brobst, et al.	707	102
JM	86	5,900,870	05/04/99	Malone, et al.	345	333
JM	87	6,047,291	04/04/00	Anderson, et al.	707	103
JM	88	6,108,004	08/22/00	Medl	345	346
JM	89	6,112,024	08/29/00	Almond, et al.	395	703
JM	90	6,199,195 B1	03/06/01	Goodwin, et al.	717	1
JM	91	6,338,056 B1	01/08/02	Dessloch, et al.	707	2
JM	92	6,370,541 B1	04/09/02	Chou, et al.	707	103
JM	93	6,519,597 B1	02/11/03	Cheng, et al.	707	10
JM	94	6,556,983 B1	04/29/03	Altschuler, et al.	706	55
JM	95	6,578,046 B2	06/10/03	Chang, et al.	707	103
		FORE	IGN PATI	ENT DOCUMENTS		
Examiner		D A NI -	Data	Country	Tra YES	nslation NO
Initial		Document No.	Date	Country	YES	- NO
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Sheet 10 of 12

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Form	PTO	-1449 Modified	Docket No. MSFT-3028/307006.01	Application No. 10/776,371		
(List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Peter Carlin, et al.			
		ent of Commerce rademark Office	Filing Date February 10, 2004	Group 2168		
			Confirmation No. 3190			
O	THE	R DOCUMENTS (Includ	ing Author, Title, Date, Pe	tinent Pages, Etc.)		
JМ	96	Selective Conflict Resolution Systems and	ution", <i>Proceedings of the 5th Applications, 2003, 170-179</i>			
JM	97.	Huang, Yun-Wu. Et al., Devices", IEEE, 2000, 4	"Lightweight Version Vector 3-48	·		
JM	98	Ramsey, N. et al., "An A Engineering Notes, Asso 175-185, XP002295139	lgebraic Approach to File Sy ciation for Computing Machi	inery, September 2001, 26(5),		
JM	99	173-182, XP-002146555		tion", SIGMOD, 1996, 25(2),		
JM	100	Systems and Application	s ACS/IEEE, June 2001, 177	ous Data Access", Computer -180, XP010551207		
JM	101	Transactions on Comput	nnected Operation in the Coeer Systems, February 1992,	10(1), 3-25, XP000323223		
JM	102	Kistler, J.J. et al., "Increa Replication", IEEE, 1990	asing File System Availabilit 0, 65-69, XP010021244	y through Second-Class		
JM	103	http://www.syncml.org/g	", 2000, Version 1.0, 60 page locs/syncml protocol v10 200	001207.pdf		
JM	104	Seshadri, P. et al., "SQL Embedded Platforms", L Conference, IEEE Comp	Seshadri, P. et al., "SQLServer for Windows Ce-a Database Engine for Mobile and Embedded Platforms", Data Engineering, Proceedings of the 16 th International Conference, IEEE Computer Society, March 2000, 642-644, XP 010378761			
JM	105	Berenson, H. "A Critique 1995, 24(2), 10 pages	e of ANSI SQL Isolation Lev	els", SIGMOD RECORD,		
EXAMINER		/Jay Morrison/	DATE CONSI	DERED 12/12/2006 ·		

Form 1	PTO-	-1449 Modified	Docket No MSFT-302	28/307006.01	Applica 10/776	ation No. ,371
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Peter Carlin, et al.				
		ent of Commerce rademark Office	Filing Date February		Group 2168	
			Confirmati 3190	on No.		
O'	THEF	R DOCUMENTS (Includ	ling Author	, Title, Date, Perti	nent Pa	ges, Etc.)
JM	106	Greenwald, R. et al., "Or Concurrency, 1999, Ch.	7, 7 pages, 2	KP-002312028		
JM	107	Plattner, C. et al., "Gany Applications", <i>IFIP Intel</i>	med: Scalab rnational fed	le Replication for I deration for Inform	ation Pr	ocessing, 2004, 155-
JM	108	Shapiro, M. et al., "Mana 185-193, XP-000922048	aging Datab	ases with Binary La	arge Obj	ects", <i>IEEE</i> , 1999,
				-	•	
EXAMINER		/Jay Morrison/		DATE CONSIDI	ERED	12/12/2006



Sheet 12 of 12

				Docket No. Application No. 10/776,371		
	Cite	tent and Publication d by Applicant al sheets if necessar	•	Applicant Peter Carlin, et al.		
		rtment of Commerc d Trademark Office		Filing Date February 10, 2004	Group 2168	
				Confirmation No. 3190		
		U.	S. PATENT	DOCUMENTS		
Examiner nitial		Document No.	Date	Name	Class	Subclass
JM	110	6,085,192	07/04/00	Mendez, et al.	707	10
JM	111	6,151,606	11/21/00	Mendez	707	201
JM	112	6,708,221 B1	03/16/04	Mendez, et al.	709	248
•						
				·		
				·		-
	_ 	FOR	EIGN PATI	ENT DOCUMENTS		
Examiner						slation
nitial	ļ	Document No.	Date	Country	YES	NO
JM	113	WO 02/075539 A2	09/26/02	PCT		
	<u> </u>					
EXAMINE	<u> </u>	/Jay Morrison	1/	DATE CONSIDERED	12/12/2006	5